Package

1. Create new project with devtools
2. Remove namespace. Namespace lists export and import functions
   1. Export(“fname”)
   2. Import(splines) #all
   3. importFrom(“stats”, “function\_I\_need”)
3. Edit Description
4. Library(devtools)
5. use\_readme\_rmd() to create README.rmd
6. Edit readme
7. Create vignette use\_vignette("mlbasic1\_details")
8. Create description for each function : using #’ tags.
9. Run document() to create namespace and man for each function
10. Create data objects in global environment
11. Use\_data(obj) to include data with the package
12. Create data.R to document the data
13. Raw data can be added (to show how to transform the data). Msdr page 203

Might need for vignette: > dir.create('inst')

> dir.create('inst/doc')

1. In description:
   1. VignetteBuilder: knitr
   2. Suggests: knitr, rmarkdown
   3. Depends: R (>= 3.5.0)

Install package to github

1. Check if git repository:
   1. Git status
2. Initialize
   1. Git init
3. Initialize repo on github
4. Push local to git hub:
   1. git remote add origin https://github.com/kostya75/mlbasic1.git
   2. git push -u origin master
   3. optional: git add .
   4. optional: git commit -m "Initial commit."
5. to install:
   1. library(devtools)
   2. install\_github("kostya75/mlbasic1",build\_vignettes = TRUE)
6. to use: library(mlbasic1